

Application No. 10/076,858

Art Unit: 1775

Docket No.: Shipley 03-19; DN: 51969 (ACT-183/184) Examiner: Sung H. Pak

REMARKS

Claims 10-30 are pending in the application, claims 1-9 having been canceled and claims 15-30 having been newly added by the above amendments. Claims 10-14 stand rejected. Claim 10 has been amended to effect a non-narrowing clerical revision. The drawings have been amended for the reasons set forth below. In addition, a substitute specification is provided as explained below.

DRAWING OBJECTIONS

The drawings have been objected to because they include claims, do not contain proper numbering of views, and contain too much descriptive text. Please replace the current drawing sheets with the clean-copy of the drawing sheets attached, in which the claims and descriptive text have been removed and in which the views are numbered. Applicants believe that the drawing objections are overcome and respectfully request that such objections be withdrawn.

OBJECTIONS TO THE SPECIFICATION/

SUBSTITUTE SPECIFICATION UNDER 37 C.F.R. 1.125

The disclosure has been objected to “because of the following informalities: ... it does not contain a brief description of the drawings section... [and] as failing to provide proper antecedent basis for the claim subject matter. Correction of the following is required: The claimed subject matter should be incorporated into the specification.” (Citations Omitted.)

Please replace the existing specification with the substitute specification attached at the end of this paper in both clean and marked-up form.

At the time of filing, the specification and claim text were interspersed amongst the drawings. The present substitute specification is provided to place the subject matter of the originally-filed, interspersed text in conventional locations of the specification (e.g., “detailed description”). In addition, the claimed subject matter has been incorporated into the specification. Support for the amendments may be found in the application as filed. No new matter is added. Accordingly, Applicants understand the objections to the specification to overcome and respectfully request the withdrawal of such objections.

CLAIM REJECTIONS UNDER 35 U.S.C. 112

Claims 7-9 were rejected under 35. U.S.C. 112, first paragraph, "as failing to comply with the enablement requirement." While Applicants respectfully disagree with this rejection, claims 7-9 have been canceled rendering the rejection moot.

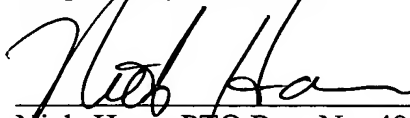
REJECTIONS UNDER 35 U.S.C. 102

Claims 1-6 and 10-14 were rejected under 35 U.S.C. 102(e) as being anticipated by Tai et al. (US 6,428,053). Claims 1-6 have been canceled, rendering their rejection moot. Regarding, claims 10-14, independent claim 10 recites "a wet etched **pit**; and ... a dry-etched hole **disposed in the wet etched pit**." (Emphasis Added.)

The office action indicates with regard to claim 10 that "Tai further teaches that truncated terminal etched pits in the (100) silicon substrate and... a hole centered inside the pits... (See Figures 6A-6C and col. 4, lines 1-25)." Applicants respectfully disagree. Tai fails to disclose a wet etched pit and a hole disposed in the wet etched pit. The structures shown in the Figs. 6A-6C **are not pits**. The structures shown in Figures 6A-6C are truncated pyramidal couplers 10 that are to be inserted into pits of a substrate 22. (See column 3, lines 1 and 2; column 4, lines 12-14; figures 4 and 6A-6C.) Therefore, Tai fails to disclose each and every element of independent claim 10. Hence, for at least these reasons, Applicants respectfully request that the rejection of independent claim 10, and claims 11-14 which depend therefrom, be withdrawn.

In view of the foregoing amendments and remarks, it is believed that the claims in this application are now in condition for allowance. Early and favorable reconsideration is respectfully requested. The Examiner is invited to telephone the undersigned in the event that a telephone interview will advance prosecution of this application.

Respectfully submitted,



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